Refine Search

Search Results -

Terms	Documents
(whey)near8 (dialyz$)	38

Database: US Pre-Grant Publication Full-Text Database; US Patents Full-Text Database; US OCR Full-Text Database; EPO Abstracts Database; JPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L24

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Search History

DATE: Monday, March 15, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ			
L24	(whey)near8 (dialyz$)	38	L24
L23	(purif$)near5 (whey)near10 (dialyZ$)	2	L23
L22	(purif$)near5 (whey)near10 (low or acid$)near0 ph	2	L22
L21	(purif$)near3 (whey)near10 ph	16	L21
L20	(purif$)near4 (whey)	284	L20
L19	(purif$ whey)near10 (centri$)	3	L19
L18	L17 same (acid) same (ph)	5	L18
L17	(purif$ whey)	75	L17
L16	(purif$ whey)same (acid$ ph)	0	L16
L15	L13 and calcium	1	L15
L14	L13 and acid	1	L14
L13	4125527.pn.	4	L13
L12	l7 and (acid or sweet)	1	L12
L11	(whey)near5 (acid$)near7 (ph) same (lipid$ or fat$)	76	L11

L10	(acid$ ph) near5 (whey) same (fat$ or lipid$)	11	L10
L9	(acid$ ph) near5 (whey)	84	L9
L8	(acid$ ph) same (whey)	325	L8
L7	4436658.pn. and centri$	1	L7
L6	L3 and centri$	6	L6
L5	(centri)near10 (whey)	5	L5
L4	L3 same centri$	0	L4
L3	L2 same ph	11	L3
L2	(whey)near10(silic$)	43	L2
L1	(whey)same (silic$)	192	L1

END OF SEARCH HISTORY

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NEWS 4	DEC 08	INPADOC: Legal Status data reloaded
NEWS 5	SEP 29	DISSABS now available on STN
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NEWS 11	DEC 08	IMS file names changed
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NEWS 15	DEC 18	BIOTECHNO no longer updated
NEWS 16	DEC 19	CROPU no longer updated; subscriber discount no longer available
NEWS 17	DEC 22	Additional INPI reactions and pre-1907 documents added to CAS databases
NEWS 18	DEC 22	IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19	DEC 22	ABI-INFORM now available on STN
NEWS 20	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS 21	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS 22	FEB 05	German (DE) application and patent publication number format changes
NEWS 23	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS 24	MAR 03	MEDLINE file segment of TOXCENTER reloaded
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=> s (whey)(P)(silic?)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'WHEY)(P)(SILIC?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'WHEY)(P)(SILIC?'
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  35 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
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PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
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FIELD CODE - 'AND' OPERATOR ASSUMED 'WHEY)(P)(SILIC?'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'WHEY)(P)(SILIC?'
L1          845 (WHEY)(P)(SILIC?)

=> s l1 and (centri?)
  42 FILES SEARCHED...
L2           84 L1 AND (CENTRI?)

=> dup rem l2
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
L3            79 DUP REM L2 (5 DUPLICATES REMOVED)

=> s l3 and pH
  33 FILES SEARCHED...
  57 FILES SEARCHED...
L4           59 L3 AND PH

=> s l4 and dialyz?
  48 FILES SEARCHED...
L5            5 L4 AND DIALYZ?

=> d ibib abs l5 1-5

L5   ANSWER 1 OF 5  IFIPAT  COPYRIGHT 2004 IFI on STN
AN                      10282441  IFIPAT;IFIUDB;IFICDB
TITLE:                  PROCESS FOR PREPARING PROTEIN ISOLATE FROM MILK,
                        WHEY, COLOSTRUM, AND THE LIKE; CLARIFICATION,
                        PURIFICATION
INVENTOR(S):            Etzel; Lisa R., Ames, IA, US
                        Strohbehn; Ronald E., Nevada, IA, US
PATENT ASSIGNEE(S):     Unassigned
AGENT:                  MCKEE, VOORHEES & SEASE, P.L.C., 801 GRAND AVENUE,
                        SUITE 3200, DES MOINES, IA, 50309-2721, US

                           NUMBER          PK    DATE
                        ----------------   --  --------
PATENT INFORMATION:     US 2003026845      A1  20030206
APPLICATION INFORMATION: US 2001-883648        20010618
FAMILY INFORMATION:     US 2003026845          20030206
DOCUMENT TYPE:          Utility
                        Patent Application - First Publication
FILE SEGMENT:           CHEMICAL
                        APPLICATION
NUMBER OF CLAIMS:       43  3 Figure(s).
                        DESCRIPTION OF FIGURES:
FIG. 1 is a diagram depicting the essential steps of the clarification process.
FIG. 2 is a gel showing the electrophoretic separation of the protein
components of whey.
FIG. 3 is a gel showing the proteins present at different stages of the process
of the invention.
AB    According to the invention, Applicants have identified a clarification
      process which is simple and quick and provides a protein isolate of
      greater than 90% whey protein which may then optionally be further
      purified to select out individual proteins. The process involves a number
      of steps, the order of which is critical, and novel lipid removal
      techniques to achieving the highly pure and clarified protein isolate of
      the invention.
CLMN  43  3 Figure(s).
     FIG. 1 is a diagram depicting the essential steps of the clarification
```

process.
FIG. 2 is a gel showing the electrophoretic separation of the protein components of whey.
FIG. 3 is a gel showing the proteins present at different stages of the process of the invention.

L5 ANSWER 2 OF 5 USPATFULL on STN

ACCESSION NUMBER:	1999:75769 USPATFULL
TITLE:	Isolation of lactoferrin from milk
INVENTOR(S):	Nuyens, Jan H., MV Ileiloo, Netherlands Van Veen, Harry H., NB Boskoop, Netherlands
PATENT ASSIGNEE(S):	Pharming B.V., Leiden, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5919913		19990706	
APPLICATION INFO.:	US 1995-406271		19950309	(8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-198321, filed on 16 Feb 1994, now abandoned			
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Degen, Nancy			
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew			
NUMBER OF CLAIMS:	27			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 13 Drawing Page(s)			
LINE COUNT:	1883			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides methods for purification of human lactoferrin from milk, especially milk of nonhuman species, and for separation of human lactoferrin from undesired macromolecular species present in the milk, including separation from nonhuman lactoferrin species.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 5 USPATFULL on STN

ACCESSION NUMBER:	1999:7477 USPATFULL
TITLE:	Isolation of lactoferrin from milk
INVENTOR(S):	Nuijens, Jan H, Heiloo, Netherlands Van Veen, Harry H, Boskoop, Netherlands
PATENT ASSIGNEE(S):	Pharming B.V., Leiden, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5861491		19990119	
	WO 9522258		19950824	
APPLICATION INFO.:	US 1996-693274		19961016	(8)
	WO 1995-EP583		19950216	
			19961016	PCT 371 date
			19961016	PCT 102(e) date
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Degen, Nancy			
LEGAL REPRESENTATIVE:	Townsend & Townsend & Crew LLP			
NUMBER OF CLAIMS:	11			
EXEMPLARY CLAIM:	1			
NUMBER OF DRAWINGS:	15 Drawing Figure(s); 15 Drawing Page(s)			
LINE COUNT:	1821			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides methods for purification of human lactoferrin from milk, especially milk of nonhuman species, and for separation of human lactoferrin from undesired macromolecular species present in the

milk, including separation from nonhuman lactoferrin species.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 5 USPATFULL on STN
ACCESSION NUMBER: 1998:157484 USPATFULL
TITLE: Isolation of lactoferrin from milk
INVENTOR(S): Nuyens, Jan H., Heiloo, Netherlands
Van Veen, Harry H., Boskoop, Netherlands
PATENT ASSIGNEE(S): Gene Pharming Europe B.V., Leiden, Netherlands (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5849885		19981215
APPLICATION INFO.:	US 1995-464182		19950605 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-406271, filed on 9 Mar 1995 which is a continuation of Ser. No. US 1994-198321, filed on 16 Feb 1994, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Degen, Nancy
LEGAL REPRESENTATIVE: Townsend and Townsend and Crew LLP
NUMBER OF CLAIMS: 27
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 13 Drawing Figure(s); 13 Drawing Page(s)
LINE COUNT: 1818
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The invention provides methods for purification of human lactoferrin from milk, especially milk of nonhuman species, and for separation of human lactoferrin from undesired macromolecular species present in the milk, including separation from nonhuman lactoferrin species.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 5 USPATFULL on STN
ACCESSION NUMBER: 87:38075 USPATFULL
TITLE: Method for separating bovine lactoferrin from cow's milk and purifying same
INVENTOR(S): Kawakami, Hiroshi, Kawagoe, Japan
Shinmoto, Hiroshi, Kawagoe, Japan
Dosako, Shunichi, Urawa, Japan
Ahiko, Kenkichi, Tokyo, Japan
PATENT ASSIGNEE(S): Snow Brand Milk Products Co., Ltd., Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4668771		19870526
APPLICATION INFO.:	US 1985-808899		19851213 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1984-266401	19841219

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Schain, Howard E.
LEGAL REPRESENTATIVE: McGlew and Tuttle
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 545
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention discloses a method for separating a highly pure form of bovine lactoferrin from cow's milk and purifying same which comprises

preparing an affinity-chromatographic column by fixing a monoclonal antibody against bovine lactoferrin to an insoluble carrier; passing milk or a solution of bovine lactoferrin derived from cow'milk through the affinity-chromatographic column; and then eluting the bovine lactoferrin adsorbed to the affinity-chromatographic column.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.